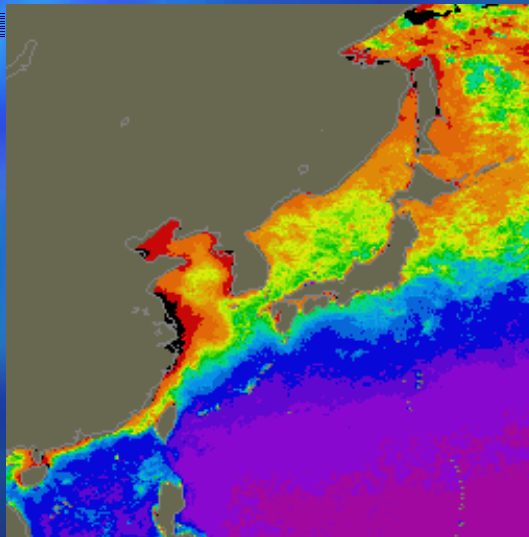


# International Program Office National Ocean Service

*Where in the world are they going?*



21 December 1998

# US Strategic Interests

“... We have moved beyond Cold War definitions of the United States' strategic interests. Our foreign policy must now address a broad range of threats — including damage to the world's environment — that transcend countries and require international cooperation to solve. Environmental problems such as global climate change, ozone depletion, ocean and air pollution, and resource degradation — *respect no border and threaten the health, prosperity, and jobs of all Americans.*”

— Vice President Al Gore



# Vision

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*Build and sustain capacities for  
global coastal and marine  
stewardship through effective  
international partnerships*



# Capacity for Stewardship

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- **Legal Capacity**
- **Institutional Capacity**
  - *Institutional arrangements for planning and implementation*
  - *Participatory processes for decision-making*
- **Technical Capacity**
  - *Planning and assessment of management strategies*
  - *Strategy Implementation*
  - *Enforcement*
  - *Monitoring and Research*
  - *Evaluation*
- **Financial Capacity**
  - *Ability to sustain programs over time*
- **Outreach, Education & Training Capacity**



# Mission

- Focal point for international activities within NOS
- Support for NOS AA and Program Offices international interests
- Bridge between NOS, its Program Offices, and the coastal stewardship community
- Source of new incentives to NOS Program Offices for their active participation in international activities
- Provide advice and technical assistance



# Strategic Outcomes

- Develop a focused international program for NOS
- Increase international awareness of the NOS
- Gain additional insights from other countries and regions
- Develop the professional skills of NOS staff
- Foster new partnerships
- Strengthen capabilities for coastal stewardship in the US



# Criteria for Program Priorities

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- Required by international agreement?
- Consistent with international priorities of the US Government?  
With the priorities of NOAA?
- In an issue or geographic area where NOS has mission responsibilities?
- Authorized by Federal legislation or regulation?
- Provides new information?
- Opportunity to enhance NOS professional experience?
- Cost reimbursable? A partner willing to share costs?
- Attracts adequate counterparts to ensure success?

# Priority Programs

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## ■ Global

- *IUCN/World Commission on Protected Areas (Marine)*
- *International Coral Reef Initiative (ICRI)*
- *Global Program of Action (GPA) on Protection of the Marine Environment from Land-Based Activities*
- *Coastal Component of the Global Ocean Observing System (GOOS)*

## ■ Bilateral/Multi-National

- *US/China Bilateral Science and Technology Agreement*
- *US/Japan Cooperative Program on Natural Resources*
- *US/South Africa Binational Commission Capacity Building*
- *Caribbean Region Activities*



# IUCN/World Commission on Protected Areas (Marine)

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- **Background:** The World Conservation Union (IUCN) is one of the few international environmental organizations where governments and non-governmental organizations from over 150 countries work together as partners. Since 1960 IUCN's World Commission on Protected Areas has grown to be the largest global network of protected area managers and specialists. Dr. Nancy Foster is the newly elected Vice-Chair (Marine) of the WCPA.
- **Activities:** Reinvigorate regional and national WCPA-Marine networks to focus on MPAs and their use as building blocks of national ICM programs; expand communications within and among these networks; and continue implementation of the report on "A Global Representative System of Marine Protected Areas"
- **Outcomes:** Expanded sharing of experience among MPA managers both within and among regions; new proposals for funding of MPAs (through the global network of 18 regional committees); recognition of US and NOAA/NOS as world leader on MPA issues

# International Coral Reef Initiative

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- **Background:** ICRI is a partnership among nations and organizations seeking to implement Agenda 21, and other international agreements, for the benefit of coral reefs and related ecosystems. Founded by eight governments, ICRI is now a global partnership, having been recognized for its contributions by the UN Commission on Sustainable Development, Conference of the Parties of the Convention on Biological Diversity, UNEP, and the IOC, among others. The President called for further implementation of ICRI goals in his Executive Order on Coral Reef Protection.
- **Activities:** The International Symposium on Tropical Marine Ecosystem Management (ITMEMS) was held in Townsville, Australia, from 22-27 November. NOS partially sponsored the meeting, presented a case study on the Florida Keys/South Florida ecosystem, chaired one of four synthesis workshops, and helped draft the final report of the meeting. NOS is also a member of the Scientific & Technical Advisory Committee of ICRI's Global Coral Reef Monitoring Network (GCRMN).
- **Outcomes:** Redefinition of the Framework for Action; activities of GCRMN expanded to improve regional monitoring and address coral bleaching; encourage national ICRI initiatives; and develop a GCRMN socioeconomic assessment manual



# Caribbean/Marine Protected Areas

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- **Background:** Marine protected areas constitute one of the few site-specific management tools in the Caribbean region. Over 100 MPAs have been designated in the Caribbean, but most are not managed effectively. 80% of personnel consider themselves to be inadequately trained for their jobs. Networks of MPA managers have been created to share management experience, review information needs, and to rank areas of critical importance for the management of marine biodiversity.
- **Activities:** NOS/IPO is working with US Federal agencies, non-governmental organizations (e.g., IUCN), and UN partners to support a network of MPA managers in the Caribbean, including development of personnel exchanges and training. In addition, IPO and NOS/Special Projects Office are working with the World Conservation Monitoring Center to improve mapping of tropical marine ecosystems and review regional monitoring programs, and identify potential MPA opportunities
- **Outcomes:** An effective network of MPA managers will be developed through a limited program of training opportunities; a comprehensive map of Caribbean ecosystems will be produced and a system for compiling information about monitoring activities will be developed to identify marine habitat locations for MPA designation

# Cartagena Convention/Land-Based Activities Protocol

- **Background:** The Convention for the Protection and Development of the Marine Environment of the Wider Caribbean Region (Cartagena Convention) entered into force in 1986. NOS participates on the interagency committee led by the Department of State (DOS) in representing the US in negotiation of the land-based activities protocol to the Convention. NOS provides technical and policy guidance in developing US positions for negotiations
- **Activities:** NOS/IPO has reviewed technical submissions from other negotiating parties and has drafted the Annex on Agricultural Non-Point Source (NPS) Pollution that is being used as the negotiating document to the protocol; NOS has also provided technical assistance to DOS in development and funding of pilot project designed to examine impact of agricultural activities on coastal waters and coral reef communities
- **Outcomes:** NOS/IPO will participate in US delegation in the final negotiations to the LBA protocol (May99), develop a proposal and seek USAID funding to develop best management practices (BMPs) as part of the Agricultural NPS Annex, and seek to have the BMPs included in the final LBA protocol



# NAFTA/CEC/Global Program of Action

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- **Background:** The Commission for Environmental Cooperation (CEC) was created in 1994 by the North American Agreement on Environmental Cooperation to foster conservation, protection, and enhancement of the North American environment, particularly in trans-boundary areas
- **Activities:** The CEC is sponsoring two pilot projects to implement the Global Program of Action for the Protection of the Marine Environment from Land-Based Activities in the Gulf of Maine and Bight of the Californias. NOS is the US Co-chair of the binational coalition group in the Gulf of Maine
- **Outcomes:** Establishment of a binational, multi-stakeholder coalition of individuals from industry, environmental, and community groups, indigenous peoples, academia, and government with shared vision and goals; identification of priority pollutants and habitat issues and response strategies through two workshops (Apr and Nov98); and seed funding for GPA implementation activities and new marine protected area and marine ecosystem mapping projects in 1999

# APEC/Global Program of Action

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- **Background:** The Asia-Pacific Economic Cooperation (APEC) Forum was established in 1989 in response to growing interdependence among 18 Asia-Pacific economies (65% of US world trade is with these economies). One of its goals is to promote environmentally-sustainable economic growth. A Marine Resource Conservation Working Group promotes initiatives that protect the marine environment.
- **Activities:** An APEC “*Action Plan for Sustainability of the Marine Environment*” that emphasizes integrated approaches to coastal management, prevention of marine pollution, and sustainable management of marine resources was endorsed by Environment Ministers in June 1997; a workshop on implementation of the Global Program of Action (GPA) on Land-based Sources of Marine Degradation was organized and funded by NOAA and hosted by the Government of Australia in Mar98; the first APEC Oceans Conference was organized by NOAA, chaired by Dr. Baker, and held in Honolulu in Oct98.
- **Outcome:** Declaration of intent to cooperate in implementing the GPA, sustainable fisheries practices, and ocean science; elevation of these issues to the agenda of APEC Economic Ministers

# UJNR/Coastal Environmental Science & Technology Panel

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- **Background:** In 1996 the US and Japan agreed to establish a new Coastal Environmental Science & Technology (CEST) Panel under the US-Japan Cooperative Program in Natural Resources (UJNR). UJNR was established in 1964, and now consists of 19 panels. The AA/NOS is the US chair of the CEST Panel; the IPO Director is the US Executive Secretary.
- **Activities:** The first meeting of the Coastal Environmental Science & Technology panel was held in Hayama, Japan, on 17-20 March. Over 120 people attended the meeting and 37 technical papers were presented. Proceedings of the panel meeting have been prepared. The panel agreed to cooperate in the areas of coastal habitat restoration, comparative environmental assessments of bays and estuaries, cooperative development of monitoring technologies and exchange of monitoring information, and directed environmental effects research.
- **Outcomes:** Since the first panel meeting, several informal exchanges and visits between US and Japanese colleagues have taken place. The next CEST panel meeting will be held in Washington and Charleston in October 1999.



# US-China ICM Cooperation

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- **Background:** Operating under the Marine and Fisheries Protocol to the 1979 US-China Science & Technology Agreement, NOS and the State Oceanic Administration (SOA) have established a cooperative agreement in Integrated Coastal Management (ICM). Recently a “partner” marine protected area initiative was established to facilitate cooperation between MPAs. Three partnerships were established for wetlands, corals, and mangroves. A US-China ICM Website ([seaserver.nos.noaa.gov/projects/us-china](http://seaserver.nos.noaa.gov/projects/us-china)) was established in 1998 to facilitate exchange of information
- **Activities:** In May 1998 a six-person federal-state NOS team visited China to identify priority projects. Agreement was reached to conduct a training workshop for Chinese professionals that would focus on ecosystem tourism planning and education and outreach for the partner MPAs. Agreement was also reached to develop a funding proposal to external donor organizations, e.g., the GEF and Asian Development Bank. The US also agreed to comment on SOA’s draft “Interim Regulation for the Administration and Use of National Jurisdictional Sea Area.”
- **Outcomes:** Conduct training workshop in Hainan Province in Mar99; next ICM panel meeting in San Diego in July99



# US-South Africa Capacity Building

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- **Background:** NOS participates on the Science & Technology and Water, Conservation and Environment committees of the US/South Africa (Gore/Mbeki) Binational Commission. Dr. Baker serves as a US representative to the Commission and is supported by NOAA offices in implementing various initiatives.
- **Activities:** NOS has been instrumental in developing an Education Partnership Program (EPP) between a consortium of nine Historically Black Colleges and Universities (HBCU) in the US and academic and resource management agencies in South Africa. This capacity building initiative was endorsed by Vice President Gore at the last binational meeting as one of the Commission's highest priorities. Internship opportunities at NOAA facilities and a program to exchange research results and methods in marine protected areas are being considered.
- **Outcomes:** The EPP document is being drafted; the HBCU consortium and South African counterparts are initiating training of students in the US in ocean, atmospheric, and environmental sciences (AOES) and establishing a post-baccalaureate certificate program in AOES at HBCU consortium institutions

# Coastal GOOS

- **Background:** The Global Ocean Observing System (GOOS) was formally initiated in 1991 by the Intergovernmental Oceanographic Commission with co-sponsorship by the World Meteorological Organization, the International Council of Scientific Unions, and the UN Environment Programme. GOOS has four modules: climate, health of the ocean, living marine resources, services, and coastal. Following an ad hoc workshop on Coastal GOOS in Miami in 1997, IOC created a new Coastal GOOS Panel.
- **Activities:** The new panel held its first meeting 30 March-1 April in Paris under the chairmanship of Dr. Tom Malone, University of Maryland Center for Environmental Science. The four themes of C-GOOS are: preserve healthy coastal environments; promote sustainable use of coastal resources; mitigate coastal hazards; and safe and efficient marine operations. NOS is represented on the Coastal Panel and contributed \$25K to IOC to support participation by representatives of developing countries. A second panel meeting was held in Curitiba, Brazil, from 26-28 October.
- **Results:** Prepare strategic plan for C-GOOS in 1999; coordinate with National Coastal GOOS activities

# International ICM Website

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- **Background:** Since 1997 NOS and the Center for the Study of Marine Policy, University of Delaware, with financial support from the Intergovernmental Oceanographic Commission (IOC), have been developing a Website on Integrated Coastal Management (ICM). The purpose of the Website is to provide timely and accurate information on developments and advances in ICM throughout the world.
- **Activities:** The prototype Website (<http://www.nos.noaa.gov/icm>) was launched in October 1998. It contains (1) the ICM story, (2) national ICM profiles, (3) ICM problems and case study examples, (4) ICM news, (6) resources for practitioners, (7) comments, questions, and debate, and (8) links to other sites.
- **Outcomes:** NOS and the University of Delaware are actively inviting international partners to collaborate on further development and maintenance of the Website.



# CZ99/International Workshop on ICM and Marine Protected Areas

- **Background:** Coastal Zone 99 (CZ99) is the premier international symposium on coastal and ocean management, building on over 20 years of providing informative conferences for all types of coastal practitioners from around the world. CZ99 will center on aspects of coastal and ocean management pertaining to the human dimension, the ocean realm, the watershed perspective, and the public connection. For the past four CZ conferences the NOS/IPO has sponsored an international workshop in conjunction with the main conference.
- **Activities:** NOS/IPO sits on the CZ99 planning committee, chairs international coordination, and encourages international papers, sessions, speakers and attendance; NOS will co-host with the Intergovernmental Oceanographic Commission (IOC) and the University of Rhode Island, an international workshop on “Integrated Coastal Management and Marine Protected Areas.”
- **Outcomes:** Improve capacity to better manage coastal resources through the exchange of expertise and experience; highlight international issues of interest to US; expand partnerships for key projects/programs



# Other Activities

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- Invited keynote speaker at Marine Management Workshop (London, Jan 98)
- Invited keynote speaker at IUCN/ICM Workshop (Paris, Mar 98)
- Granted \$100K from EPA for Spanish language poster series and curricula guide on coastal hazards
- Invited speaker at Wilton Park Conference on Sustainable Oceans (UK, Mar 98)
- Invited keynote speaker at World Oceans Day (Kingston, June 98)
- Invited speaker at Caribbean Sea Forum (Port-of-Spain, June 98)
- Invited participant at Energy, Security and Environment in Northeast Asia Workshop (Tokyo, July 98)
- Represented NOAA at 1st Caribbean Integrated Water Resources Management Workshop sponsored by USAID (Port-of-Spain, July 98)
- Speaker at Coastal Zone Canada (Victoria, Aug 98)
- Participated in Caribbean Action for Sustainable Tourism Workshop (Barbados, Aug 98)
- Funded US-Japan "Common Agenda" Meeting on Oil Spills (Tokyo, Oct 98)
- Participated in Caribbean Marine Biodiversity Workshop (Montego Bay, Oct 98)

# Other Activities, cont.

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- Co-funded and chaired the First International Marine Disaster Reduction Symposium (Beijing, Nov 98)
- Supported NOS/Coast Survey at IMO Maritime Safety Committee, Sub-committee on Safety of Navigation meetings on electronic navigation charts (London, July and Dec 98)
- Represented NOAA at 16th Consultative Meeting of the London Convention on Ocean Dumping (London, Dec 98) and funded Capacity-Building Workshop in South Africa (Capetown, Apr 98)

# IPO/NOS Internal Partnerships

	IUCN/ WCPA	ICRI	Caribbean MPAs	NAFTA GPA	APEC GPA	China ICM	Japan CEST	US SAfrica	Coastal GOOS	ICM Website
OCRM	✓	✓	✓	✓	✓	✓		✓		✓
NCCOS		✓					✓		✓	
R&R				✓			✓			
Coast Survey										
NGS										
CSC										
SPO			✓	✓		✓				✓